



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 27, 2016

Megan Pletka  
Agent for Haviland Consumer Products, Inc.  
Technology Sciences Group, Inc.  
1150 18<sup>th</sup> St, NW Suite 1000  
Washington, DC 20036

Subject: Label Amendment – Amendment to Correct Precautionary Language  
Product Name: Crystal Shock  
EPA Registration Number: 57787-14  
Application Date: July 23, 2015  
Decision Number: 521725

Dear Ms. Pletka

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact me by phone at 703-308-8062, or via email at fuller.demson@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Fuller', with a long horizontal stroke extending to the right.

Demson Fuller, Product Manager 32  
Regulatory Management Branch II  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

Enclosure

{MASTER LABEL}

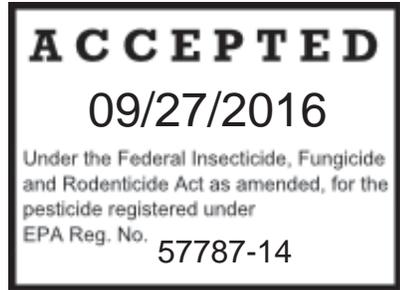
{rev. 7-23-15}

# CRYSTAL SHOCK

[A chlorinating sanitizer for modern swim pool & spa care]

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**



### FIRST AID

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Call a poison control center or doctor for treatment advice. You may also call Chemtrec at 1-800-424-9300.

**Note to Physician:** Lithium hypochlorite is corrosive to eyes, skin and mucous membranes with chemical burns (caustic). Treatment is dilution/flushing of site with copious amounts of water with controlled removal of exposure followed by symptomatic and supportive care to maintain life functions. Consideration should be given to careful endoscopy as stomach or esophageal burns, perforations or strictures may occur. Probable mucosal damage may contraindicate the use of gastric lavage. Careful gastric lavage with an endotracheal tube in place should be considered. Observation may be warranted.

**See additional precautions on [back] [side] panel**

### ACTIVE INGREDIENT

Lithium Hypochlorite .....29%\*

OTHER INGREDIENTS.....71%

TOTAL.....100%

\*Contains 35% available chlorine.

### Packaged by:

**Haviland Consumer Products, Inc.**

**421 Ann St. NW**

**Grand Rapids, MI 49504**

**EPA Reg. No. 57787-14**

**EPA Est. No. 57787-MI-001**

**Net Contents:** (See container label)

**Batch Code# / Lot #:** (See container label)

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes, on skin or clothing. Avoid breathing dust. Wear goggles or face shield, protective clothing and rubber gloves when handling. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**

*(For containers less than 50 pounds, use the statement below)*

This product is toxic to fish and aquatic organisms.

*(For containers greater than or equal to 50 pounds, use the statement below)*

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS**

**STRONG OXIDIZING AGENT:** Mix only with water. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion. Contamination with moisture, organic matter, or other chemicals may start a chemical reaction, with generation of heat, liberation of hazardous gases, and possible generation of fire and explosion. In case of contamination or decomposition, do not reseal container. If possible isolate container in open air or well ventilated area. Flood with large volumes of water, if necessary.

**DIRECTIONS FOR USE:**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**TO MAINTAIN PROPER CHLORINE RESIDUAL**

For optimum results, the pH of the swimming pool and spa water should be maintained between 7.2 and 7.6. A Chlorine stabilizer (cyanuric acid) for spas should also be used to prevent extreme fluctuations in the chlorine level. To satisfy the chlorine demand of the water, use repeated dosages of this product of 1/3 cup (2.7 oz. by wt.) for each 5,000 gallons of water as necessary. For spas one cap full or 0.5 oz. for 500 gallons. One ounce of product by weight per 5,000 gallons of water will apply approximately 0.5 ppm available chlorine residual. To maintain a desired level of 1.0 to 1.5 ppm of chlorine residual, add 1/3 cup of product for each 5,000 gallons of water daily or as needed. For spas add as needed. Once every 10 days or two weeks the pool water should be shocked with chlorine to prevent the development of resistant species of algae. Use non-chlorine shock treatment for spa once per week or as needed. Use a test kit for chlorine and pH control.

### **SHOCK TREATMENT**

Utilizing your test kit, adjust pH of pool and spa water to 7.2 - 7.6. Use 1 pound of product (approx. 2 cups) for each 10,000 gallons of water in the evening when the pool will not be used for a minimum of 12 hours. Use 1.0 oz. (approximately 1 cap full) for each 500 gallons of water in the spa. Do not use the spa for a minimum of 12 hours. Test the chlorine residual and if above 2.0 ppm do not allow swimming until residual has decreased.

### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage and disposal.

**Pesticide Storage:** Keep this product dry in a tightly sealed container when not in use. Store in a cool, dry, well-ventilated area away from heat or open flame. In case of decomposition, isolate container (if possible) and flood area with large amounts of water to dissolve all material before discarding the container.

**Pesticide Disposal:** Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse (or equivalent) promptly after emptying.